

## WHAT IS CLAIMED IS:

1. A turbomachine turbine vane including a multiply-perforated liner defining an annular cavity between an outside wall of the liner and an inside wall of the vane,  
5 an air admission opening for feeding the inside of the liner with cooling air and an air exhaust opening for exhausting a fraction of the cooling air from the vane, the liner being secured to the vane at one end and being free at its other to slide along an inside edge of the  
10 vane under the effects of relative thermal expansion between the liner and the inside wall of the vane, the annular gap between said free end of the liner and the inside edge of the vane defining a leakage zone for cooling air, wherein said inside edge includes a recess  
15 for generating head loss in said leakage zone so as to reduce the flow rate of cooling air passing therethrough.
2. A vane according to claim 1, wherein said recess is made over all or part of the periphery of said inside  
20 edge.
3. A vane according to claim 2, wherein said recess is circularly symmetrical.
- 25 4. A vane according to claim 1, wherein said recess comprises a rectangular section groove.
5. A vane according to claim 1, wherein said recess comprises a corrugated section groove.  
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6. A vane according to claim 5, wherein said corrugated section groove includes at least one indentation.
7. A turbomachine turbine, including a plurality of  
35 cooled vanes according to claim 1.